

ORGANIC CHEMISTRY

ASSIGNMENT

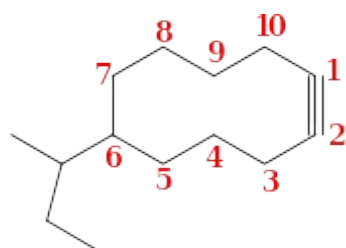
QUESTION 1

Are the following names CORRECT or INCORRECT? If any name is incorrect, give the correct name.

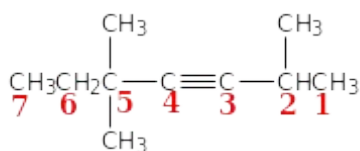
NAME	CORRECT or INCORRECT
2-isopropyl-4-methylheptane	INCORRECT
2,3,5-trimethyloctane	
2-methyl-1-propene	INCORRECT
2-methylpropene	
<i>cis</i> -2-methyl-2-butene	INCORRECT
2-methyl-2-butene	
1-methylcyclohexane	INCORRECT
methylcyclohexane	
4-nitro-1-cyclopentene	INCORRECT
4-nitrocyclopentene	
2-ethyl-1-methylcyclopentane	INCORRECT
1-ethyl-2-methylcyclopentane	
1- <i>tert</i> -butyl-4-bromo-2-methylcycloheptane	INCORRECT
4-bromo-1-<i>tert</i>-butyl-2-methylcycloheptane	
3-ethyl-4,4-dimethylhexane	INCORRECT
4-ethyl-3,3-dimethylhexane	
<i>sec</i> -butylcyclopropane	INCORRECT
2-cyclopropylbutane	
3-methyl-5-octyne	

6-methyl-3-octyne

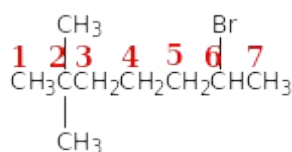
INCORRECT



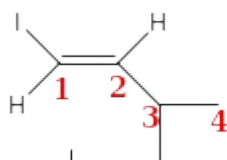
6-sec-butylcyclodecyne



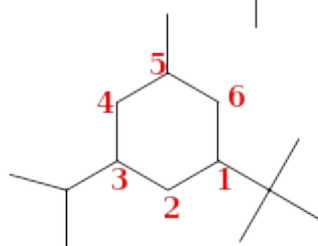
2,5,5-trimethyl-3-heptyne



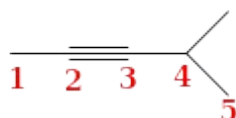
6-bromo-2,2-dimethylheptane



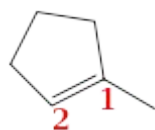
trans-1-iodo-3-methyl-1-butene



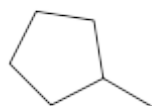
1-tert-butyl-3-isopropyl-5-methylcyclohexane



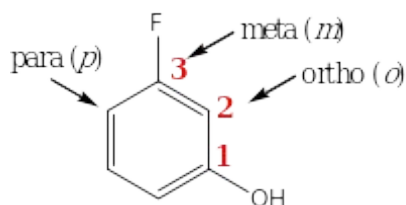
4-methyl-2-pentyne



1-methyl-cyclopentene



methylcyclopentane



m-fluorophenol or 3-fluorophenol